

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Apr/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.546	435.916	1) Gujrat	-2.006	-7.532
2) Hydro	28.603	61.824	2) Madhya Pradesh	16.457	55.061
3) Gas	7.335	28.348	3) Chattisgarh	6.190	19.550
Total MSPGCL	181.484	526.088	4) Maharashtra Net	129.926	378.347
B) 1) APML	41.242	117.210	5) Goa (Amona)	-0.616	-1.782
2) JSWEL	19.083	54.661	Total	149.951	443.644
3) VIPL	5.088	15.416	a) Mumbai Schedule	24.482	66.379
4) RPL(AMT)	19.919	56.372	b) Mumbai Drawl	25.588	77.322
5) WPCL	4.829	13.931	c) MSEDCL Bilateral *	41.223	111.020
6) PGPL	0.000	0.000	Include PX	9.363	20.022
7) Other IPP	13.192	39.920	d) Mumbai Bilateral *	24.482	66.379
C) 1) TPCL Thermal	16.855	46.082	Include PX	7.611	17.011
2) TPCL Hydro	5.232	11.910	Include Standby	0.000	0.000
3) TPCL Gas	3.750	10.445	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.001	33.526	1) MSEDCL	424.723	1241.984
D) STATE			2) Mumbai Discoms	63.428	179.289
1) Thermal	277.755	813.034	TOTAL STATE	488.151	1421.273
(A1+C1+C4+(B1-B6))					
2) Hydro	33.835	73.734			
(A2+C2)					
3) Gas	11.085	38.793			
(A3+B6+C3)					
4) Wind	10.048	35.772			
6) SOLAR	5.475	16.292			
TOTAL STATE	338.198	977.625			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6101	6165	6238	5831
MSPGCL Hydro	1798	1548	1424	203
MSPGCL Gas	278	289	294	302
MSPGCL Total Generation	8177	8002	7956	6336
Central Sector Receipt	6926	7461	5800	5762
WIND	256	302	236	680
CPP / IPP Thermal	4345	4314	4430	4259
CPP / IPP Gas	0	0	0	0
SOLAR	745	469	0	0
Exchange with Mumbai	-1376	-1298	-1205	-640
MSEDCL DEMAND MET	19073	19250	17217	16397
Load Shedding	0	0	0	0
MSEDCL DEMAND	19073	19250	17217	16397
TPCL GENERATION	1278	1324	1224	817
R-INFRA GENERATION	501	497	499	501
MUMBAI DEMAND	3155	3119	2928	1958
STATE DEMAND MET	22228	22369	20145	18355
STATE DEMAND	22228	22369	20145	18355
Frequency (Hz)	49.95	49.88	49.91	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 07.03 Hrs	49.73 Hz at 00.46 Hrs	49.93	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 03/Apr/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.30	26.85	410	350
Unit 9	9.33	26.90	410	351
Unit 10	9.30	26.86	402	350
Total	27.94	80.60		
Bhusawal				
Unit 3	4.66	13.46	200	185
Unit 4	11.74	34.90	500	475
Unit 5	11.70	34.97	500	475
Total	28.09	83.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.81	17.01	250	202
Unit 7	5.90	16.90	252	241
Unit 8	4.92	14.81	214	197
Total	16.62	48.72		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.72	32.29	455	428
Unit 8	10.33	30.97	450	400
Unit 9	10.10	30.37	444	390
Total	31.15	93.63		
Paras				
Unit 3	5.61	17.10	243	208
Unit 4	0.00	7.98	0	0
Total	5.61	25.08		
Khaparkheda				
Unit 1	1.70	1.70	160	0
Unit 2	4.58	13.82	200	160
Unit 3	4.24	13.18	183	170
Unit 4	5.05	15.02	213	210
Unit 5	11.44	34.77	500	450
Total	27.01	78.50		
Nasik				
Unit 3	4.65	12.53	199	191
Unit 4	0.00	0.32	0	0
Unit 5	4.49	13.20	194	175
Total	9.14	26.04		
Uran				
All Units	7.34	28.35	435	278
Total	7.34	28.35		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.45	1.11	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.45	1.11		
Koyna				
Stage 1-2	5.58	14.50	490	35
Stage 4	13.44	23.55	1015	0
Stage 3	4.08	8.61	320	0
Total	23.11	46.65		
Hydro				
KDPH	0.86	2.59	36	36
VTRNA	1.02	3.48	61	0
TILLARI	0.42	1.26	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	0.56	70	0
RNGR+BHTSA	0.32	0.64	14	13
BHANDARDRA	0.48	1.43	34	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.91	2.66	38	37
GHATGHAR	1.25	2.55	250	0
Total	5.50	15.17		
Wind				
Total	10.05	35.77	0	0
Total	10.05	35.77		
CPP				
APML(Mus)	41.24	117.21	0	0
JSWEL(Mus)	19.08	54.66	0	0
VIPL(Mus)	5.09	15.42	0	0
RPLAMT(Mus)	19.92	56.37	0	0
WPCL(Mus)	4.83	13.93	0	0
Other(Mus)	13.19	39.92	0	0
Total	103.35	297.51		
SOLAR				
Total	5.48	16.29	0	0
Total	5.48	16.29		
Tata				
Trombay 5	11.63	30.78	489	469
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.30	6.28	116	62
Trombay 7B	1.45	4.17	68	49
Trombay 8	5.22	15.30	221	214
TATA Hydro	5.23	11.91	445	21
Total	25.84	68.44		
R-INFRA				
DTPS U-1&2	12.00	33.53	502	497
Total	12.00	33.53		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.55	435.92	MSPGCL Total	181.48	526.09
			MSPGCL Thml+Gas	152.88	464.26	Koyna 1,2 & 4 Total	19.02	38.05
			MSPGCL Hydro	28.60	61.82	State Total	338.20	977.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Apr/2018

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5765	414	323	6502	655	4271	0	0	5816	5872	-976	16324	0	16324	2368	18692	49.87
2	5799	826	291	6916	677	4288	0	0	5572	5675	-781	16775	0	16775	2171	18946	49.94
3	5780	477	300	6557	643	4262	0	0	5553	5923	-669	16716	0	16716	2037	18753	49.98
4	5831	203	302	6336	680	4259	0	0	5570	5762	-640	16397	0	16397	1958	18355	49.93
5	5831	697	314	6842	573	4281	0	0	5531	5549	-614	16631	0	16631	1933	18564	49.94
6	5844	1249	306	7399	703	4276	0	0	5703	5942	-709	17611	0	17611	2006	19617	49.91
7	5968	1765	305	8038	639	4274	0	17	6248	6495	-765	18698	0	18698	2096	20794	50.00
8	6070	1758	306	8134	428	4329	0	145	6125	6267	-867	18436	0	18436	2229	20665	50.04
9	6106	1686	301	8093	224	4330	0	349	5635	6040	-1062	17974	0	17974	2520	20494	49.98
10	6066	1896	293	8255	251	4251	0	582	5839	5852	-1237	17954	0	17954	2863	20817	49.91
11	6020	1747	290	8057	289	4240	0	685	6136	6311	-1318	18264	0	18264	3075	21339	49.89
12	6101	1798	278	8177	256	4345	0	745	7040	6926	-1376	19073	0	19073	3155	22228	49.95
13	6125	1347	289	7761	284	4266	0	763	7392	7270	-1356	18988	0	18988	3132	22120	49.95
14	6157	1230	289	7676	295	4269	0	707	7161	7341	-1288	19000	0	19000	3022	22022	49.93
15	6167	1308	287	7762	292	4254	0	603	7435	7364	-1288	18987	0	18987	3081	22068	49.85
16	6165	1548	289	8002	302	4314	0	469	7419	7461	-1298	19250	0	19250	3119	22369	49.88
17	6217	1821	279	8317	307	4365	0	292	6911	7128	-1270	19139	0	19139	3099	22238	49.86
18	6215	2157	291	8663	265	4287	0	111	6089	6360	-1226	18460	0	18460	3024	21484	49.94
19	6238	1143	294	7675	205	4323	0	7	5954	5860	-1256	16814	0	16814	2923	19737	49.93
20	6238	1424	294	7956	236	4430	0	0	5756	5800	-1205	17217	0	17217	2928	20145	49.91
21	6212	895	307	7414	352	4405	0	0	5706	5729	-1137	16763	0	16763	2804	19567	49.97
22	6205	463	322	6990	428	4386	0	0	5646	5492	-1057	16239	0	16239	2671	18910	49.95
23	6215	419	350	6984	569	4381	0	0	5618	5826	-1053	16707	0	16707	2619	19326	49.91
24	6211	332	435	6978	495	4262	0	0	5819	5706	-1140	16301	0	16301	2593	18894	49.89
MUs	145.55	28.60	7.33	181.48	10.05	103.35	0.00	5.47	147.67	149.95	-25.59	424.72	0.00	424.72	63.43	488.15	49.93

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Apr/2018

Position as on 6.30 Hrs of 04/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00	03/04/2018	10.42	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	24/03/2018	07.36		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
MSPGCL	Chandrapur Unit 5	500	31/03/2018	22.10		Continued.	Water Shortage	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	01/04/2018	02.05		Continued.	due to heavy clinker grinder of bottom ash hopper.	
MSPGCL	Paras Unit 4	250	02/04/2018	21.41		Continued.	Furnace Pressure High	
MSPGCL	Uran Unit 5	108	03/04/2018	00.12	03/04/2018	20.55	Air filter replacement	
MSPGCL	Uran Unit 6	108	04/04/2018	03.19		Continued.	inspection work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 04/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	02/04/2018	17.46		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	02/04/2018	15.21	03/04/2018	04.30	PO	Attending Oil Leakage
Deepnagar Taptitanda	IntraState	03/04/2018	05.55		Continued.	T	Distance Protection Y & B phase
Nagothane - Dabhol I	IntraState	03/04/2018	08.48	03/04/2018	18.40	PO	For Cold Line Washing
Bhusawal-Aurangabad	IntraState	03/04/2018	21.07	04/04/2018	05.58	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23	03/04/2018	14.22	T	Charged upto Borivali end for cable soak test
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kadegaon-Miraj	IntraState	03/04/2018	10.07	03/04/2018	20.42	PO	Testing Work
Mahape - TIFIL	IntraState	03/04/2018	12.36	03/04/2018	13.17	PO	Reorientation work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
100MVA ICT - I @ Boisar-II	IntraState	26/03/2018	13.54		Continued.	T	Bucholz Protection Optd
220/132kv 100MVA ICT II @Satara Midc	IntraState	03/04/2018	08.35	03/04/2018	12.15	PO	Replacement of Y phase CT

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage